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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/200,179	11/25/1998	WALTER VIEGENER	VIEGENER-2	4534

20151 7590 06/06/2002

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EXAMINER

LUU, TUYET PHUONG PHAM

ART UNIT	PAPER NUMBER
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3677

DATE MAILED: 06/06/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/200,179

Applicant(s)

VIEGENER, WALTER

Examiner

Teri Pham Luu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 April 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9, 11 and 13-21 is/are pending in the application.
- 4a) Of the above claim(s) 3-5 and 13-17 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 6-9, 11, 18-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

2. Claims 1, 2, 6-9, 11 and 18-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Irwin in view of Saka.

Irwin discloses a press-fit arrangement comprising a socket (16) having at least one holding element (18) secured to the socket and cold formed together with the socket, see col. 4, lines 13-23. The holding element at least partially penetrates the material of the end portion (14) of the metal pipe to realize a positive connection with the metal pipe. The holding element has a material penetrating component consisting of a plurality of cutting arcuate projections (56) pointing in the direction of the end portion of the metal pipe. Irwin further discloses a sealing (42) which can be positioned in front of or trailing the holding element (18), see col. 4, lines 30-44.

Irwin fails to disclose the fitting having an anchoring groove for receiving the sealing element and a receiving groove for receiving the holding element wherein the anchoring groove is separate from the receiving groove. Saka discloses a pipe fitting comprising an anchoring groove (9) for receiving a sealing ring (8) and a receiving groove (7) for receiving the holding element (6). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the socket with separate anchoring and receiving grooves so as to receive the sealing ring and holding elements separately.

As concerns claim 6, Irwin further discloses that the holding element may be secured in the receiving groove by adhesion, thus forming a positive fit.

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In reference to claim 9, the embodiment of Fig. 7 shows the outer peripheral surface of the socket formed with a circumferential groove (62) serving as an internal limit against which the pipe can abut, however, it is capable of serving as an engagement member for attachment of a press tool.

Response to Arguments

3. Applicant's arguments filed April 29, 2002 have been fully considered but they are not persuasive.

Applicant argues that the projections do not point in the direction of the end portion of the metal pipe. The Examiner disagrees. The projections point away from the end of the socket, thus pointing in the direction of the metal pipe, in a similar fashion as the instant invention.

Applicant argues that Irwin does not show the sealing ring being seated in relation to the holding element as claimed. Applicant cites col. 4, lines 30-33. However, in the last Office Action, the Examiner cited col. 4, lines 30-44. Specifically, lines 34-38 disclose "[t]he ring 42 need not be so positioned and can be positioned in front of (as shown in Fig. 5) or leading the portion 18 in the direction of the pipe being mated or at the rear or trailing the portion 18."

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after

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the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Teri Pham Luu** whose telephone number is **(703) 305-7421**. The examiner can be best reached Monday-Friday from 7:30 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **J.J. Swan**, can be reached at **(703) 306-4115**.

Submission of your response by facsimile transmission is encouraged. Technology Center 3600's facsimile number is **(703) 872-9326 (Before Final)**, **(703) 872-9327 (After Finals)** and **(703) 872-9325 (Customer Service)**. Recognizing the fact that reducing cycle time in the processing and examination of patent applications will effectively increase a patent's term, it is to your benefit to submit responses by facsimile transmission whenever permissible. Such submission will place the response directly in our examining group's hands and will eliminate Post Office processing and delivery time as well as the PTO's mail room processing and delivery time. For a complete list of correspondence not permitted by facsimile transmission, see MPEP § 502.01. In general, most responses and/or amendments not requiring a fee, as well as those requiring a fee but charging such fee to a deposit account, can be submitted by facsimile transmission. Responses requiring a fee which applicant is paying by check should not be submitted by facsimile transmission separately from the check.

Responses submitted by facsimile transmission should include a Certificate of Transmission (MPEP § 512). The following is an example of the format the certification might take:

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office (Fax No. (703) 305-3597) on _____ (Date) _____

(Typed or printed name of person signing this certificate)

(Signature)

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If your response is submitted by facsimile transmission, you are hereby reminded that the original should be retained as evidence of authenticity (37 CFR 1.4 and MPEP § 502.02). Please do not separately mail the original or another copy unless required by the Patent and Trademark Office. Submission of the original response or a follow-up copy of the response after your response has been transmitted by facsimile will only cause further unnecessary delays in the processing of your application; duplicate responses where fees are charged to a deposit account may result in those fees being charged twice.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be directed to **judy.swann@uspto.gov**.

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed expressed waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature relating to the status of this application should be directed to the group receptionist at **(703) 308-2168**.



Teri Pham Luu
Primary Examiner

tpl
June 3, 2002